144K

AMERICAN DRUGGIST

AND

PHARMACEUTICAL RECORD

A Monthly Illustrated
Journal of Practical Pharmacy

CASWELL A. MAYO, Ph.G.,
EDITOR

Volume LIX. July to December, 1911

OHIO STATE
UNIVERSITY

NEW YORK:
Published by AMERICAN DRUGGIST PUBLISHING CO., 62 to 68 West Broadway,

1911.

RS1*
A515
v.59

INDEX TO VOLUME LIX.

PAGE

A
Abanone 175
Abbreviations in prescriptions 276
Abortin 175
Absorption and excretion of drugs 106
Accounting for retail druggists, 12, 48, 157
Acetanilide, boric acid test for..112
Acheson, William R., portrait...121
Achibromin 175
Achiiodin 175
Acid, benzoic, detection of, in food stuffs 224
  glycuronic, reaction for...... 44
  thyminic 9
  uric, quantitative estimation in blood 76
Adalin 175
Adipol 175
Adralgin 175
Advertising, combination 11
  current newspaper 13, 47
  drugs 70
  by hand bills........103
  midsummer 46
  newspaper 155
  not an expense........ 48
  persistent 138
  prescription 226
Advertisements, reading 254
Afridol 175
Agarase 175
Agarophen 175
Agateware, how to clean.......313
Agia 175
Alkaloids, commercial 260
  standardization of solutions for assay of 259
Alacan, Jose P., Dr., portrait...127
Albumin in urine, test for.....318
Alcohol ointment 175
  tax liability for.....303, 331, 332
    on recovered 332
Aldogen 175
Aliquot parts in assays, use of..314
Aluminum stoppers, corrosion of.112
Alkola tablets 175
Allen, Kenneth C., on ash of solid extracts 83
Almond oil, oxidation of bitter..219
Alypinoids 175
Amidopyrine, detecting impurities in 10
Amigrine 175
Arthigon 210
Anacaona extract 175
Anadol 175
Anæsthol 175
Anderson, P. E., portrait.......245
Aniodol 175
Anios 175
Anise oil, changes in........112
Anogon 175
Antichlor 43
Antiformin 175
Antikamnia and derivative clause 4
Antilusin 175, 311
Antimonyl-aniline tartrate 175
Antinarcotic, proposed regulations 338
Antipyrine and pyramidon, distinctive tests for........146
  and calomel, incompatibility of 320
Antirheumol 175
Antitumin 175
Antodyne 175
Apple, Franklin M., on discounting bills 93
Aqua zeozoni 175
Arabates 175
Arny, Prof. H. V., portrait.120, 141
Aromatol 312
Arsen-Blutan 175
Arsenphenylchlorohydroxyamine .210
Arsenphenyliodohydroxyamine ..210
Arsen-regenerin 175, 311
Aspirochyl 210
Assay, sodium chloride in alkaloidal 145
  standardization of solutions for 259

ASSOCIATIONS:
A. Ph. A., 37, 104, 117, What's the matter with? 251; Arkansas, 264; Baltimore Drug Exchange, 98; Brooklyn Pharmaceutical, 61,

ASSOCIATIONS (Continued):
339; Chicago veterans, 31; Connecticut, 21; Colorado, 21; Florida, 23, 161; Georgia, 21; German apothecaries, 247; Idaho, 23; Kentucky, 23; Kings County, N. Y., 30, 198, 249, 333; Long Island Drug Club, 61, 236; Louisiana, 23; Maine, 61; Maryland, 20; Massachusetts, 18; Medical, 62; Minnesota, 87; Missouri, 20; N. A. R. D., 137, 162, 170, 185; N. W. D. A., 163, 204, 235; New York County, 28; North Carolina, 61; Ohio, 62; Pharmacologist, 21; South Dakota, 163; Tennessee, 61; Texas, 23; Utah, 20; Vermont, 19; Virginia, 61; Washington, 87.
Atophan 210
Autobiography of a druggist..41, 79, 150, 217, 269, 315
Avantol 210
Awa root 112

B
Bacteria in drinks........205
Barium pills for poisoning mice 111
Bardet's serum 311
Basham's mixture affected by heat 272
Basic salts 219
Beal, J. H., portrait........118
Bean, J. Arthur, portrait........192
Bedbug exterminators 112
Bedwell, C. E., portrait........239
Belladonna extract, value of green and dry........146
Benzcaine 210
Benzine, deodorizing 111
Benzoate, German view of......258
Benzoic acid, detection in food stuffs 224
Berberine, synthesis of........313
Beurre de Saturne........276
Bills, collect promptly........254
  discounting 92
Bismuth oxychloride 84
  salicylate, detection of subnitrate in 7
  subnitrate incompatible with lactopeptine 85
Bitter wood 277
Black roses 277
Bleach, hat 9
Bloodwort 219

BOARDS OF PHARMACY:
California, 234; Colorado, 45; District of Columbia, 60; Georgia, 30; Illinois, 30, 330; Indiana, 130, 339, 167; Interstate, 234; Kansas, 234, 339; Kentucky, 30, 330; Massachusetts, 32; Missouri, 30, 337; National Association of, 127; New Jersey, 130, 339; New York State, 248; North Dakota, 87; Ohio, 62; Pennsylvania, 62, 330; Texas, 30; Virginia, 234, 339; Wisconsin, 130, 234.
Board questions answered, Florida 233
  Missouri 14
  model 141, 170
  South Dakota 45
  Tennessee 83
  selected 329
Board secretaries 87, 233
Bodemann, Wilhelm, portrait...190
Bookkeeping, simple 158
Borodisalicylate of zinc........ 10
Botanical drugs grown in United States 304
Bouillon for soda fountain.....328
Bradley, R. H., portrait........241
Brausan 210
Briry, William S., portrait...... 18
British pharmaceutical conference 82
Bromo-ethyl-butyurea 210
Bromoferrin 210
Bromone, Robin 210
Brom somisan 210
Brown, Linwood A., improvement in sweet spirit of nitre formula 215
  portrait 215
Bruder, Otto E., portrait.......189
Busch, Miers, portrait........237
Business building....11, 46, 92, 113, 156, 181, 225, 269
Buyers, women as........206

C
Callistan 210
Calmine 210
Calomel and antipyrine incompatibility of 320
Cards, soda fountain........328
Camphor and salol in aqueous mixtures 219
Canabis, alcohol soluble extract. 84
Cantani's serum 311
Carpets, cleaning of........319
Carvacrolphenolphthalein 210
Casogen 210
Cheron's serum 311
Chewing gum, manufacture of.. 9
Chinolinsulphosalicylate 210
Cholera-serum 311
Chrismol 210
Churchill's tincture of iodine.... 44
Cicatricine 210
Cincinnati cutters 332
Cinnamic-acid-allylester 210
Cinnatoxyl 210
Cirrholysin 210
Citizen, pharmacist as........265
Citronella stains, to remove..... 43
Clark, Ira B., portrait sketch of 87
Cocaine, permanganate test for.. 9
  regulation 338
Codeine, regulation of sale in New York 8
Coffee syrup 327
Cohen's aromatic oil spray.....312
  guaiac gargle 312
  salicylated iron mixture......312
Cold cream 317
Collections, need of prompt.....254

COLLEGES OF PHARMACY:
Cincinnati, 65; Fordham University, 29, 96; Massachusetts, graduates of, 25; illustration of, 24; New Jersey University, 30.
Color, green for galenicals...... 43
Colors of ancient flowers restored 307
Colorimetric test for caramel...314
Congress, International, of Applied Chemistry 332
Cook, Thomas P., portrait......236
Co-operation with manufacturers 302
Cordol 210
Cork stoppers, waterproofing....221
Correspondence school of pharmacy 221
Coryza, peppermint oil in...... 78
Cost of drugs, higher........257
Cream of tartar, purity of.....319
Credargan 210
Credit, factors in establishing..113
Creosote carbonate, dispensing..275
Creatin 210
Cresol 210
Crocq's serum 311
Crotalotoxine 224
Cudbear stains, to remove...... 43
Curcumin paper 44
Curtius, Thomas M., obituary..341
Curtis, William M., portrait.... 18
Cyanide potassium, antidote for.274
Cycloform 210

D
Day, W. B., portrait........119
Death, fluorescin as a test for 264
Deleted formulas to be preserved 308
Derivative clause of food and drugs act, construing...... 4
Deterioration of spirit of nitrous ether 307
De Zeller, Mabel C., The Law of the Sea........ 77
Diazo reaction........275
Dicentrin 210
Diehl, Prof. C. Lewis, portrait. 128, 263
Digestin 210
Digistrophan 210
Digistrophan-Diureticum 210
Digitalis-Blomberg 210
  fat, free tincture........152
  infusion 277, 278
  Winckel 210
Dimethylamidoantipyrine 222
Diglycodisalicylic acid 210
Diiodosaylicylic acid........211
Dioradin 211
Dioxydiamidoarsenobenzol 111
Dispensatory, Greek........207
Dobbs, S. A., portrait........ 97
Dohme, Dr. A. R. L., portrait..133
  Charles E., appreciation of...303
  Charles E., obituary........340
Drug growing in Florida...... 10
Druggist, autobiography of a.... 41, 79, 150, 217, 269, 315
Druggists, shut in........170
Drugs, higher price of........256
  unfit, rectification of by government 5
DuBois, Norman A., portrait, sketch 97
Dujardin-Beaumetz serum 318

E
Eberle, E. G., portrait........118
Ebers, papyrus, facsimile...147
Egg drinks, soda fountain.....327
Eckstein, Sol. A., portrait......189
Economizing space in drug store.324
E-Fuc-Sa 211
Ehrlich's 606, new form for hypodermic use 311
Electric signs for druggists....225
Electr. Hg. 211
Elixir antiasthmathicus, Hare...180
  almond compound........263
  bitter orange........264
  cardamom compound........263
  formates compound........263
  iron quinine and strychnine... 10
  incompatible with essence of pepsin 180
  juniper with potassium acetate.180
  licorice aqueous........263
  of terpinhydrate and codeine.179
  red 263
  sodium salicylate compound..264
  three bromides........263
  vanillin compound........264
Elixirs by percolation........214
Elkin, William S., portrait......193
Enditon 211
Enesol 211
England, Joseph W., portrait...119
Engstrom, Ernest O., portrait..141
Enteroseptyl 211
Epidermal 211
Epinine 211
Erdol 211
Ereptone 211
Ergoranthein 211
Ergot testing........144
Ergotine-Blomberg 211
Ergoxanthin 322
Erseol-Prunier 211
Ether, spirit of nitrates........153
Ethyl nitrite, determination of..174
Eubilein 211
Eucalyptol spray 312
Eugenia apiculata, oil of........322
Eumercurin 211
European pharmacists........209
Eusapyl 211
Eutectan 211
Excipient, pill, useful........ 44
Excipients, ferments as for pills and tablets........109
Excretion and absorption of drugs 106
Executor, authority to employ counsel 317
Experts, danger in paid........ 71
Explosions, drug store......140, 163
Extracts, derivative value of green and dry........146
  flavoring 218
  solid, extractive and ash of... 3

F
Faculties, conference of pharmaceutical 128
Fairchild, Samuel W., portrait..244
Famel syrup 211
Farrington, Frank........ 11
  combination advertising....... 11
  getting new business........156
  making people want the goods.181
  midsummer advertising....... 46
  prescription advertising 226
  drug store salesmanship......308

PAGE
Ferns, anthelmitic value of..... 42
Fersinol 211
Ferric chloride tincture........ 85
Ferrum ammonium arseniocitricum 211
Fiat tablets 275
Flamuls 211
Flavoring extracts, legal status..213
  sale of in the drug store......213
Florida board questions.......233
Florida, drugs grown in........ 10
Fluidextracts, alkaloidal assay, LaWall 145
Fluinol 85
Fluorescin as a test for death...264
Fluorpinol 85
Food and drugs act, amendments to 3, 337
  enforcing 208
Foot powders, insoluble......... 78
Forbrich, Joseph F., portrait....193
Ford, Charles M., portrait......120
Formaldehyde, detection, in milk.222
Formulary, new national, advance list 110
Formulas, selected 312
Forrester, George P., free pharmacy in Germany..........271
  problems of European pharmacists 209
Frigusine 211
Fruit acid solution.............152
Fulmargin 211

Galactenzyme 211
  Galilith 276
Gastrine 211
Gastrozymase 211
Geytin 211
Gelenoids 211
General merchandising in drug store 305
German apothecaries visit Sharp & Dohme.................. 64
  pharmacists in America......206
Germany, movement for free pharmacy in 271
Gilpin Langdon & Co., fire..... 33
Gladding, C. P., portrait.......188
Glandulen 211
Glass, to drill holes in..........216
Glass stoppers, new use for old. 44
Glassware, alkaline.............170
Globularin 211
Glycerin, tragacanth compound.312
Glycuronic acid, reaction for... 44
Godding, John G., portrait......120
Gonoiodin 211
Gonostylii 211
Goodwin, Frank E., on accounting 48
  druggists' profits 157
  reducing expenses 12
Gordon, Frederick T., portrait.261
  what's the matter with the A. Ph. A.? 251
Gravidin 211
Green color for galenicals...... 43
Groenland, Otto, portrait.......192
Guilford, Harry B., portrait....185
Guaiac compound, gargle of....312
Guimauve 275
Gum, chewing, manufacture of.. 9
Guycose 211

Hare, antiasthmatic elixir.....180
  Hat bleach.................... 9
Hat varnishes, waterproof......313
Hegenon 211
Hektin 211
Helmitoloids 211
Hetol 219
Hexamekol 211
Hipposarcine 211
Hofman, J. J., international committee on pharmaceutical nomenclature 259
Holiday spirit for the merchant.302
Holocaine prescription 320
Honey, acids of...............322
Honey and borax..............312
Hood, Samuel C., drugs grown in Florida.................. 10
Hopkins, L. J. L., portrait....243
Hormonal 211
Hornberger, C. Eugene, obituary.340
Hot soda (see soda)
Houghton, E. M., physiological testing 39, 144
Hover, W. A., portrait.........243
Howell's serum 311
How one druggist got ahead...323
Huchard's serum 311
Huhn, Charles H., portrait......190
Humphries, W. A., a bargain bush window..............182
  a candy window.............115
  a foot relief window display.. 93
  window that sells goods......159
Hungarian curriculum, new.... 72
Hurty, Dr. J. N., pharmacist as a citizen 265
  portrait 265

PAGE
Hyde, Byron M., portrait......248
Hydroarsan 212
Hydropyrin "Grifa" 212
Hyoscyamus, extract, value of green and dry............146
Hyperideal 606 212
Hypnoval 212

Ingram, F. F., on parcels post 52, 86
  portrait 52
Ink, fluid red..................152
Incompatibility of antipyrine and calomel 320
Injection Brou 224
Insect exterminators 317
Insurance, druggists' fire.......277
International pharmaceutical federation 40
Inventory taking, a necessity...301
Iodarsyl 212
Iodchloroform 212
Iodex 212
Iodgelatin 212
Iodine and oils in prescriptions.. 8
  tincture as a germicide......143
Iodipsol 212
Iodival 212
Iodo-acetyl salicylic acid.......212
Iodolysin 212
Iodone 212
Ioha 212
Ion radium....................212
Iothion 212
Irbitol 212
Iron quinine and strychnine elixir 10
Iron-Sajodin 212
  iron, salicylated mixture of...312
Irvine, Darwin W., portrait....213
  sale of flavoring extracts in the drug store 213
Isobutylbenzoates 212

Jelly, lubricating 317
  Jones, R. E., hints for dispensers 42

Kahn, M. S., portrait........188
  Kalmopyrine 212
Kawa-Oel 212
Kawa-santol 212
Kennedy, William, as fun maker 32
Kentucky drug conference....2, 53
Kline, C. Mahlon, factors in giving credit 113
  portrait 239
Koch, Felix J., how one druggist got ahead.............323
  J. A., portrait...............177
Kraemer, Henry, portrait......178
Kraneck's serum 311
Kresosteril 212
Kuorin 212

La Bach, J. O., flavoring extracts for food purposes...214
Label, under food and drugs act.270
Labels, to make waterproof.... 43
Lactocardin 212
Lactocol 212
Lactopeptine incompatible with subnitrate 85
Lassar's stronger resorcin paste..312
Lattimer, George W., portrait..238
Lavona de composée...........179
Law, expert advice on........... 36
  food and drugs, amendment for 337
Laws, uniform drug............ 70
LaWall, C. H., assay of alkaloidal fluidextracts 145
  portrait 145
Laxanin 212
Leaks, financial, and how to stop them 70
Leedom, Charles, portrait.......165
Lemberger, Joseph L., portrait..121
Letargine 212
Letters, answer promptly.......203
LeVine, Theodore, as fun maker 32
Liatris odorissima 8
Libicodol 212
Lice powder 319
Life, distinguishing animal from vegetable 145
Lilly, J. K., portrait............240
Lime and sulphur solution for orchards 274
  in opium assay..............314
Limosan laxative 212
Liniment of ammonia.......... 84
Lipoiodin 212
Liquid soap....................222
Litchenstein's serum 311
Lithium bromide solution.....320
Locke's serum 311
Lubricant paste 312
Lunarin 212
Lynn, Clarence J., portrait.....244
Lyons, A. B., on use of Mil.... 44
Lyons, Lucien E., portrait.....230
Lysochlor 212

PAGE
McCartney, F. L., on commercial alkaloids..............260
  portrait 260
Magazines as a side line........225
Magnesium citrate, trouble with..179
Majamin 212
Major, Miss Lillian, portrait....166
Malaquin's reaction for strychnine 224
Maltocol 212
Maltropon 212
Mann, Charles F., portrait.....190
Manna, purification of.......... 43
Market, review of the wholesale drug and chemical.. 33, 66, 134, 168, 200, 250, 300, 344
Martin, Charles S., portrait....242
Mastisol 212
Mathieu's serum 311
Matrival 212
Mayo, Caswell A., pharmaceutical nomenclature 173
Medicated nest eggs............322
Meliatin, a new glucoside from clover 322
  spray 312
  spray, compound 312
  inunction 312
  inunction compound 312
Menthenon 268
Mercurial antiseptic............218
Mercury, estimating in white precipitate ointment........... 84
  plaster, assay of............ 85
  determination of in ointment. 85
Metaferrin and metaferrose.....218
Methyl bromide, preparation of..112
Meriodin 268
Merritt, Henry W., portrait....162
Merz' hemorrhoid serum.......311
  schnupfen serum 311
Methyl salicylate, acid..........274
Meyer, Theodore F., portrait...236
Mice, barium pills for..........111
Mil, use of term............44, 76
Milchlin 268
Miles' contract.................223
Military pharmacists abroad....272
Milk, formaldehyde in, detecting.222
Miller, Dr. Adolph W., portrait.236
Missouri board questions....... 14
Moerk, F. X., portrait.........334
Monal-sulfuryl 268
Morphine, estimation of small quantities 10
  proposed regulation 338
Morphosan 268
Morrisson, James W., portrait..238
Motion, lost, in drug store.....255
Mouth wash, zinc chloride...... 43
Muir, J. D., portrait............142
  Dr. William, appreciation of..302
  obituary 341
Myrtyle 268
Mystery, passing of, in pharmacy 306

Names, trade, protected.......169
  National formulary committee, meeting of.........128
  proposed additions to.........263
Natrium sulfuricum dilapsum...277
Naval pharmacists, promotion for 22
Neoborat 268
Neralteine 268
Nest eggs, medicated..........322
Netter's serum 311
Neura-Lecithin 268
New York Medical Journal, supervising editor of.........339
Neville, Timothy, portrait....... 19
New remedies ..175, 210, 268, 311
Nilotan 268
Nitre, sweet spirit of, improvement in 215
Nitrites, indol as reagent for... 86
Nitrous ether, spirit of......... 84
  deterioration of 307
Nomenclature, pharmaceutical, 170, 173
  dangerous similarity in..2, 35, 44, 86
  international committee on....259
Notes and queries........256, 317
Noton 268
Novoconephrin 268
Novo-Dentaesthine 268
Novotussin 268
Now 255
Nucleoarsitol-Robin 268
Nucleogen 268
Number six.................... 85

OBITUARY:
  Baird, Dr. Julian W...... 26
  Curtius, Thomas M..........341
  Dakin, Dr. E. A............ 26
  Dargan, Alonzo T........... 27
  De Frehn, Charles W......... 62
  Dohme, Charles E............340
  Foster, Dr. Frank P.........137
  Gale, William F............ 27

PAGE
OBITUARY (Continued):
  Hitchcock, George H.........249
  Hornberger, C. Eugene......340
  Macy, S. R.................. 63
  Merrill, H. S................342
  Muir, William 341
  Mulford, Lafayette E........ 27
  Nims, Ormond F............. 26
  Pardee, Arthur 340
  Puffer, Daniel J............ 27
  Rust, Dr. W. A............. 27
  Schley, Steiner..............164
  Shuptrine, J. T..............131
  Tetlow, Joseph 131
  Truitt, George W............ 63
  Wyam, Walter 342
  Zeller, Julius 26
Oil, castor, powdered..........276
  mineral, detection of in vegetables 272
  sweet, legal definition of......221
  paintings, how to clean......320
Oils, mineral and resin, fluorescent test for.............314
Oleaginous prescriptions, massing of 320
Oleum Fagi 8
Ointment, Neapolitan..........277
  soothing 317
Olintal 268
Omnopton 268
Opium, infant susceptibility to..224
  loss in B. P. assay.......... 82
  assay, lime in...............314
  regulation of sale of.........338
Orthonal 268
Ounce, an, not 500 drops....... 86

Packard, C. H., portrait...... 24
  Pacrocreolin 268
Paintings, oil, how to clean....320
Papyrus Ebers, facsimile.......147
Parcels post advocated........ 52
  opposed 52
  will help country druggists... 86
Pardee, Arthur, obituary......340
Parfuseptol 268
Parisien red 43
Patentex 268
Peppermint oil................. 84
Pepsin, antiseptic solution of...312
Pepsin essence incompatible with elixir of iron, quinine and strychnine 180
Permanganate test for cocaine.. 9
Permidan 268
Peroxide tooth paste..........223
Peroxydase 268
Perpetual motion, experiments in 40
Perspiration, formaldehyde for odor of 109
Pfromm, Adam, portrait........236
Phagotaxin 268
Pharmaceutical nomenclature....170
  Hofman, J. J., on............259
  International committee on...259
  C. A. Mayo on...............173
  similarity in 2, 35
  J. P. Remington on.......... 86
  Otto Raubenheimer on....... 44
Pharmacist, the, as a citizen...265
Pharmacists, German, in America.206
  military status of abroad....272
Pharmacopœia, British..........172
  U. S. P. 104
  new 107
Pharmacy, danger in elegance...204
  text books on................ 8
Philippine University 205
Phenolsulphone naphthalein 268
Phorxal 268
Phosphovanidol 268
Physol 312
Pinoxic 268
Plan, drug store............... 81
Plantaginol 268
Plasters, new formulas for.....313
Plaut, Albert, portrait.........240
Pnogodin 268
Podophylum, Indian versus American 82
Poison sales, restricting........ 35
Pomades, formulas for........219
Porter, C. S., pharmaceutical problems 216
Potassium cyanide, antidote for..274
Potts, Thomas H., portrait.....185
Powder, oxygen 220
Powdered castor oil............276
Powders, foot, insoluble........ 78
  perfumed, face 220
  sizes of in German Pharmacopœia 3
Prescription advertising........226
  the oldest 73, 147
Primal 268
Pritchard, B. E., portrait of....116
  the show window as an asset..115
Propaesin 268
  colloid 268
Proprietaries, imitation of, in Russia 22
Pyonin 268

120020

PAGE
Pyrolin 311
Pyrosin 311
Pyramidon and antipyrine, distinctive tests for........146

Questions, model board...141, 176
  pharmacy board answered..329
  Florida 233
  Missouri 14
  South Dakota........ 45
  Tennessee 88
Quinine, estimation of, in ferro citrate 277
Quinolin 311

Radio-carbenzyme 311
Raubenheimer, Otto, Mil versus Cc. 76
  on pharmaceutical nomenclature 44
  pharmaceutical window displays 159
  preparations dismissed from the U. S. P. and N. F....308
  portrait 127
Reeder, Mrs., portrait........333
Recipe book, A. Ph. A........138
Rectification of unfit drugs before importation 5
Red, Parisien 43
Reed, N. F., portrait sketch of.. 65
Reese, David J., portrait........193
Regenerin 311
Remedies, new...175, 210, 268, 311
Remington, J. P., the forthcoming pharmacopœia 107
  on pharmaceutical nomenclature 86
Reputation, store 203
Resorcin paste, Lassar's strongest 312
Restricted pharmacy in Spain..209
Retailer and jobber regaining their holds........323
Rheumacolloidin 311
Rhinoculin 311
Rhomnol 310
Richardson amendment to food and drugs act........ 4
Riba 312
Richardson, W. S., portrait..52, 193
Richey, William P., portrait....244
Rippetoe, J. R., deterioration of spirit of nitrous ether......307
Root, W. F., portrait........176
Rose, honey of with borax......312
Rothwell, Walter, portrait......189
Rudder, William H., portrait....177
Ruddiman, E. A., portrait......176
Rusby, H. H., government rectification of unfit drugs.... 5
Russia, imitation of proprietaries in 22

Saalbach, Louis, portrait........121
Sala, A. F., portrait, sketch of 233
Saccharin 318
Sajous, Dr. C. de M., portrait...339

PAGE
Salesmanship in drug store.....308
Salimenthol preparations........311
Saline solution, normal........312
Salol and camphor in aqueous mixtures 219
Salvoil 311
Sal volatile spirit........ 84
Salary, standardization of, in Europe 106
Salicylate, sodium, nascent......224
Salt solution, isatonic 312
Salvarsan 311
Salvarsan tests for........313
Samples, death from patent medicine 339
Saponification number, rapid determination of........278
Scales, thermometer 276
Scammony resin, adulterated with powdered root 224
Scarborgh, R. S., telephone advertising 229
Scarlet red 8
Scharlachrot 8
Schieffelin, Dr. William Jay, portrait 235
Schlichging, alkaloidal assay standardization 259
Schlotterbeck, J. O., portrait....142
Sea, law of........ 77
Sea sickness remedy........322
Sempules 311
Serosal 311
Serosanal 311
Serums, new, 1910-1911........311
Serums, licensed dealers in.....129
Show window as an asset......115
Side line, magazines as a......225
Signs, outside 254
  for druggists, electric........225
Silver nitrate in pills........ 9
Soap, liquid 222
Soap, toilet 7, 222
Soda dispensers' contest.......1, 16
  fountain 15, 50, 89, 171, 182, 231, 254, 327
    cleanliness at 232
    banana sundaes 50
    formulas for 51
    koko creme 15
    cantaloupe sundaes 89
    chocolate syrup 15
    Taft rickey 15
    vanilla syrup 15
    frozen sweets for........ 50
    hot drinks pay........250
    lunch at the........231, 254
    menus 49
Soda, hot........171, 182, 231
Sodium arsenate solutions......221
  benzoate, German view of...258
  cacodylate and salvarsan.....322
  chloride solution, physiological.312
  cinnamate 274
  ethylate solution 84
  salicylate, nascent 224
  of lithium bromide........320

PAGE
Solution of iron and ammonia-acetate affected by heat....272
South Dakota board questions.. 45
Space, economizing in drug store 324
Sparks, E. R., on Sunday closing 44
Spirit, cardamom compound.....263
  vanillin compound 264
Spray, lime and sulphur for orchards 274
Stains, cudbear and cintronella, to remove 43
  tannin, removing 43
Stamp tax proposed........ 38
Stevens, A. B., on alkaloidal assay standardization........259
  portrait 260
Stone, Clarence G., portrait....241
Strong, Samuel E., portrait.....240
Strong, William B., portrait....243
Strough, Ford B., electric signs for druggists 225
Strychnine, Malaquin's, reaction for 224
Suicide and the newspapers.... 36
Sunday closing, Sparks on...... 44
Suprarenal products, testing.... 39
Symington, James, autobiography of a druggist..41, 79, 150, 217, 269, 315
Syphilin 311
Syrup, soda 15, 50, 89, 171, 182, 231, 234, 327
Syrupus sennæ mannatus......219
System in business........270

Tampa, Cuba Cigar Co........248
Tax, proposed medicine stamp ..38, 182, 231, 234, 327
Telephone commissions fight in New York 301, 302, 333
Telephone profits 253, 333
Telephones, strapping........169
Tennessee board questions...... 88
Testing, physiological.......39, 144
Therapeutic claims, amendment urged regarding........ 22
Thermometer scales........276
Thyminic acid 9
Thymol, for preserving foods, etc. 180
  spray 312
Thyroid, standardization of..... 83
Tinware, care of........313
Tincture of Lytta........319
Tooth paste formulas........223
  powder, oxygen........220
Tuberculin-Mixed 311
Tuberculin-Rosenbach 311
Turiopin 311
Turkey, druggists in........272
Terpinhydrate elixir........179
Trade marks, psychology of....207

Unemployed, cry of........139
Unguentum, Napoletanum..277
Ulcerine 311

PAGE
Unguentum leniens 317
United Drug Company convention 252
Uridinol 311
Urine, test for albumin in......318
Uric acid in blood, quantitative estimation of........ 76
Utech, P. H., liquid toilet soap. 7
  portrait 121

Valerophen 311
Vanadiol 311
Vanadioseptol 311
Vanadioserum 311
Vanaform 311
Vanodrin 311
Vasotonim 311
Veraserol 311
Veronal 322
Veronal, new reaction of.......322
Veterinary colleges 222
  remedies, sale of........153

Wall, John R., portrait, sketch 29
Wallace, John C., portrait, 121, 189
Walsh, J. J., prescriptions old and new 73, 147
Walton, L. L., reappointed to the Pennsylvania Board 332
Wash, mouth, zinc chloride..... 43
Wasweyler, C. S., how to fight department stores 112
Waterproof coating for labels.. 43
  hat varnishes 313
Waterproofing fabrics in France.310
Wax, ironing 43
  specific gravity 85
Weil, Jacob, alderman, portrait.295
Weimar, Henry, on Arkansas association 264
  portrait 264
Williams, W. E., portrait sketch
Whelpley, H. M., portrait......118
Wiley controversy........37, 53, 71, 94, 103, 128, 160, 171
Williams, W. E., portrait sketch of 130
Williams' eye water........224
Window, an autumn........228
  a bargain bush........182
  displays.17, 93, 115, 159, 182, 228
    a candy window........115
    a foot relief window....... 93
    Mother Hubbard 17
    pharmaceutical 159
  dressing, mirrors in........182
    tips 93
  telephone advertising........229
  trimming, color in........228
Women as buyers........206
Woodward, J. H., portrait......245
Wyman, Walter, obituary......342

Zinc, borodisalicylate 10
Zinc chloride mouth wash.. 43